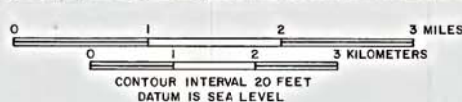
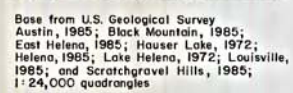


**APPENDIX 5-B**

# **USGS 1992 Potentiometric Map**

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—3,840— GENERALIZED POTENTIOMETRIC CONTOUR—Shows altitude at which water level would have stood in tightly cased wells completed in the upper 25 feet of saturated alluvium and the adjacent valley-margin sediments, pediments, and bedrock, March and April 1991. Dashed where approximately located. Contour interval 20 feet. Datum is sea level

- |                                  |   |  |
|----------------------------------|---|--|
| <input type="radio"/>            | INVENTORIED WELL  |  |
| <input checked="" type="radio"/> | INVENTORIED WELL INCLUDED IN WATER-LEVEL MONITORING NETWORK |  |

- 3,703 MEASURED ALTITUDE OF WATER LEVEL IN INVENTORIED WELL COMPLETED IN UPPER 25 FEET OF SATURATED VALLEY FILL OR THE SURROUNDING BEDROCK--Used to prepare potentiometric contours
- WATER-QUALITY SAMPLING SITE--Used in combination with the inventoried-well symbol. Includes laboratory analyses and onsite nitrate measurements
- AQUIFER-TEST SITE

MAP SHOWING ALTITUDE AND CONFIGURATION OF THE SHALLOW POTENTIOMETRIC SURFACE AND THE LOCATION OF SELECTED WELLS,  
WATER-QUALITY SAMPLING SITES, AND AQUIFER-TEST SITES, HELENA VALLEY, MONTANA